

FILE 'MEDLINE, BIOSIS, EMBASE' ENTERED AT 16:36:18 ON 26 FEB 2004

L1 120 S SCCE
L2 1 S STRATUM CORNEUM CHYMOTRYTIC ENZYME
L3 45847 S DENDRIT? CELL?
L4 21187 S IMMUNOSTIMULAT?
L5 5910 S IMMUNE-ACTIVAT?
L6 0 S L1 AND L3 AND L4
L7 4 S L1 AND L3
L8 0 S L1 AND L4
L9 0 S L1 AND L5
L10 2 DUP REM L7 (2 DUPLICATES REMOVED)
L11 0 BRIEN TIMOTHY I?/AU
L12 1 BRIEN TIMOTHY?/AU
L13 0 S OBRIEN TIMOTHY?/AU
L14 8 S OBRIEN T?/AU
L15 8 DUP REM L14 (0 DUPLICATES REMOVED)
L16 259 S O!BRIEN TIMOTHY?/AU
L17 0 S O!BRIEN TIMOTHY I?/AU
L18 1 L16 AND L1
L19 1 L16 AND L3

=>

RESULT 7
US-08-944-483-33
Sequence 33, Application US/08944483

; Patent No. 6232456
; GENERAL INFORMATION:
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STEWART, KENT D.
; APPLICANT: STROUPE, STEVEN D.
; TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
; TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
; TITLE OF INVENTION: OF THE PROSTATE
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,483
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6183.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 224 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6232456e
US-08-944-483-33

Query Match 100.0%; Score 42; DB 3; Length 224;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QRIKASKSF 9
|||||||
Db 62 QRIKASKSF 70

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; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,483
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 224 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6232456e
;
US-08-944-483-33

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Query Match 100.0%; Score 47; DB 3; Length 224;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 VLVNERWVL 9
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Db 29 VLVNERWVL 37

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RESULT 4
US-08-944-483-33
Sequence 33, Application US/08944483
Patent No. 6232456
GENERAL INFORMATION:
APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: KLASS, MICHAEL R.
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STEWART, KENT D.
APPLICANT: STROUPE, STEVEN D.
TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
TITLE OF INVENTION: OF THE PROSTATE
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible

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APPLICANT: STROUPE, STEVEN D.
 TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
 TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
 TITLE OF INVENTION: OF THE PROSTATE
 NUMBER OF SEQUENCES: 76
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: 100 Abbott Park Road
 CITY: Abbott Park
 STATE: IL
 COUNTRY: USA
 ZIP: 60064-3500
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/944,483
 FILING DATE:
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Becker, Cheryl L.
 REGISTRATION NUMBER: 35,441
 REFERENCE/DOCKET NUMBER: 6183.US.01
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 847/935-1729
 TELEFAX: 847/938-2623
 TELEX:
 INFORMATION FOR SEQ ID NO: 33:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 224 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: No. 6232456e
 US-08-944-483-33

Query Match 100.0%; Score 49; DB 3; Length 224;
 Best Local Similarity 100.0%; Pred. No. 0.021;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KNEYTVHL 9
 |||||
 DB 43 KNEYTVHL 51

ULT 9
 08-944-483-33
 Sequence 33, Application US/08944483
 Patent No. 6232456
 GENERAL INFORMATION:
 APPLICANT: COHEN, MAURICE
 APPLICANT: COLPITTS, TRACEY L.
 APPLICANT: FRIEDMAN, PAULA N.
 APPLICANT: GRANADOS, EDWARD N.
 APPLICANT: KLASS, MICHAEL R.
 APPLICANT: RUSSELL, JOHN C.
 APPLICANT: STEWART, KENT D.

RESULT 6

US-08-944-483-33

; Sequence 33, Application US/08944483

; Patent No. 6232456

; GENERAL INFORMATION:

; APPLICANT: COHEN, MAURICE

; APPLICANT: COLPITTS, TRACEY L.

; APPLICANT: FRIEDMAN, PAULA N.

; APPLICANT: GRANADOS, EDWARD N.

; APPLICANT: KLASS, MICHAEL R.

; APPLICANT: RUSSELL, JOHN C.

; APPLICANT: STEWART, KENT D.

; APPLICANT: STROUPE, STEVEN D.

; TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS

; TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES

; TITLE OF INVENTION: OF THE PROSTATE

; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Abbott Laboratories

; STREET: 100 Abbott Park Road

; CITY: Abbott Park

; STATE: IL

; COUNTRY: USA

; ZIP: 60064-3500

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FastSEQ for Windows Version 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/944,483

; FILING DATE:

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Becker, Cheryl L.

; REGISTRATION NUMBER: 35,441

; REFERENCE/DOCKET NUMBER: 6183.US.01

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 847/935-1729

; TELEFAX: 847/938-2623

; TELEX:

; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 224 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: No. 6232456e

US-08-944-483-33

Query Match 100.0%; Score 40; DB 3; Length 224;

Best Local Similarity 100.0%; Pred. No. 1.1;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 RLSSMVKKV 9

Db 94 RLSSMVKKV 102

RESULT 3
 US-08-944-483-33
 ; Sequence 33, Application US/08944483
 ; Patent No. 6232456
 ; GENERAL INFORMATION:
 ; APPLICANT: COHEN, MAURICE
 ; APPLICANT: COLPITTS, TRACEY L.
 ; APPLICANT: FRIEDMAN, PAULA N.
 ; APPLICANT: GRANADOS, EDWARD N.
 ; APPLICANT: KLASS, MICHAEL R.
 ; APPLICANT: RUSSELL, JOHN C.
 ; APPLICANT: STEWART, KENT D.
 ; APPLICANT: STROUPE, STEVEN D.
 ; TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
 ; TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
 ; TITLE OF INVENTION: OF THE PROSTATE
 ; NUMBER OF SEQUENCES: 76
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Abbott Laboratories
 ; STREET: 100 Abbott Park Road
 ; CITY: Abbott Park
 ; STATE: IL
 ; COUNTRY: USA
 ; ZIP: 60064-3500
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/944,483
 ; FILING DATE:
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Becker, Cheryl L.
 ; REGISTRATION NUMBER: 35,441
 ; REFERENCE/DOCKET NUMBER: 6183.US.01
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 847/935-1729
 ; TELEFAX: 847/938-2623
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 33:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 224 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: No. 6232456e
 US-08-944-483-33

Query Match 100.0%; Score 50; DB 3; Length 224;
 Best Local Similarity 100.0%; Pred. No. 0.14;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

.Oy 1 GPLVCRGTL 9
 |||||
 178 GPLVCRGTL 186

RESULT 7
US-08-944-483-33
; Sequence 33, Application US/08944483

; Patent No. 6232456
; GENERAL INFORMATION:
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STEWART, KENT D.
; APPLICANT: STROUPE, STEVEN D.
; TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
; TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
; TITLE OF INVENTION: OF THE PROSTATE
; NUMBER OF SEQUENCES: 76
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; ADDRESSEE: Abbott Laboratories
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; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,483
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6183.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 224 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6232456e
US-08-944-483-33

Query Match 100.0%; Score 42; DB 3; Length 224;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QRIKASKSF 9
|||||||
Db 62 QRIKASKSF 70

RESULT 3
 US-08-944-483-33
 ; Sequence 33, Application US/08944483
 ; Patent No. 6232456
 ; GENERAL INFORMATION:
 ; APPLICANT: COHEN, MAURICE
 ; APPLICANT: COLPITTS, TRACEY L.
 ; APPLICANT: FRIEDMAN, PAULA N.
 ; APPLICANT: GRANADOS, EDWARD N.
 ; APPLICANT: KLASS, MICHAEL R.
 ; APPLICANT: RUSSELL, JOHN C.
 ; APPLICANT: STEWART, KENT D.
 ; APPLICANT: STROUPE, STEVEN D.
 ; TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
 ; TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
 ; TITLE OF INVENTION: OF THE PROSTATE
 ; NUMBER OF SEQUENCES: 76
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Abbott Laboratories
 ; STREET: 100 Abbott Park Road
 ; CITY: Abbott Park
 ; STATE: IL
 ; COUNTRY: USA
 ; ZIP: 60064-3500
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/944,483
 ; FILING DATE:
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Becker, Cheryl L.
 ; REGISTRATION NUMBER: 35,441
 ; REFERENCE/DOCKET NUMBER: 6183.US.01
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 847/935-1729
 ; TELEFAX: 847/938-2623
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 33:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 224 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: No. 6232456e
 US-08-944-483-33

Query Match 100.0%; Score 50; DB 3; Length 224;
 Best Local Similarity 100.0%; Pred. No. 0.14;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GPLVCRGTL 9
 |||||
 178 GPLVCRGTL 186


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; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,483
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6183.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 224 amino acids
; TYPE: amino acid
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; TOPOLOGY: linear
; MOLECULE TYPE: No. 6232456e
; US-08-944-483-33

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Query Match 100.0%; Score 47; DB 3; Length 224;
Best Local Similarity 100.0%; Pred. No. 0.43;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 VLVNRRWVL 9
Db 29 VLVNRRWVL 37

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RESULT 4
i-08-944-483-33
Sequence 33, Application US/08944483
Patent No. 6232456

```

GENERAL INFORMATION:

```

APPLICANT: COHEN, MAURICE
APPLICANT: COLPITTS, TRACEY L.
APPLICANT: FRIEDMAN, PAULA N.
APPLICANT: GRANADOS, EDWARD N.
APPLICANT: KLASS, MICHAEL R.
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STEWART, KENT D.
APPLICANT: STROUPE, STEVEN D.

```

TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS

TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES

TITLE OF INVENTION: OF THE PROSTATE

NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: Abbott Laboratories

STREET: 100 Abbott Park Road

CITY: Abbott Park

STATE: IL

COUNTRY: USA

ZIP: 60064-3500

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

RESULT 6
 US-08-944-483-33
 ; Sequence 33, Application US/08944483
 ; Patent No. 6232456
 ; GENERAL INFORMATION:
 ; APPLICANT: COHEN, MAURICE
 ; APPLICANT: COLPITTS, TRACEY L.
 ; APPLICANT: FRIEDMAN, PAULA N.
 ; APPLICANT: GRANADOS, EDWARD N.
 ; APPLICANT: KLASS, MICHAEL R.
 ; APPLICANT: RUSSELL, JOHN C.
 ; APPLICANT: STEWART, KENT D.
 ; APPLICANT: STROUPE, STEVEN D.
 ; TITLE OF INVENTION: NOVEL SERINE PROTEASE REAGENTS
 ; TITLE OF INVENTION: AND METHODS USEFUL FOR DETECTING AND TREATING DISEASES
 ; TITLE OF INVENTION: OF THE PROSTATE
 ; NUMBER OF SEQUENCES: 76
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Abbott Laboratories
 ; STREET: 100 Abbott Park Road
 ; CITY: Abbott Park
 ; STATE: IL
 ; COUNTRY: USA
 ; ZIP: 60064-3500
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/944,483
 ; FILING DATE:
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Becker, Cheryl L.
 ; REGISTRATION NUMBER: 35,441
 ; REFERENCE/DOCKET NUMBER: 6183.US.01
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 847/935-1729
 ; TELEFAX: 847/938-2623
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 33:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 224 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: No. 6232456e
 US-08-944-483-33

Query Match 100.0%; Score 40; DB 3; Length 224;
 Best Local Similarity 100.0%; Pred. No. 1.1;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RLSSMVKKV 9
 |||||
 Db 94 RLSSMVKKV 102